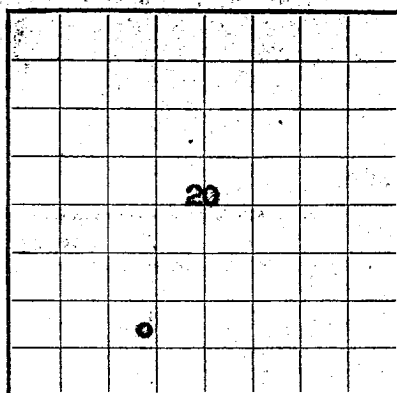


Form 9-380

U.S. Geological Survey
Approval expires 12-31-60U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SP - 078137
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Building, Dallas, Texas
Lessor or Tract Monsanto Johns Field Wildcat State New Mexico
Well No. 1 Sec. 20 T. 32N R. 13W Meridian N.M.P.M. County San Juan
Location 660 ft. [N.] of S Line and 1900 [E.] of W Line of Section 20 Elevation _____
[XX] [XX] (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Paul J. Clote

Date June 16, 1959Title Mgr., Drilling and Production

The summary on this page is for the condition of the well at above date.

Commenced drilling 1-29-58, 19____ Finished drilling 2-15, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2533 to 2655 (0) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	32.37	8.00	40	100					
5-1/2	27.01	8.00	40	100					
2"	26.35	8.00	40	100					
HISTORY OF OIL OR GAS WELL									
TO 4300Y-S 0' COALBURNED DRAINING OIL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	139' OL	125	Halliburton		
5-1/2	2701' KB	75	Halliburton		
2"	2635				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

TOLD MARK

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Perf. 2533' - 2655'	fraced with 700 lbs oil, 30,000# sand & 470 rubber balls					
IR - 27.8 RPM						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

2812

3426
DATES

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____ , Driller _____ , Driller
 Campbell Drilling Company _____ Jerry Mangum
 B. F. Mitchell _____ , Driller _____ T. C. Warren

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
Well Drilled by Monsanto Chemical Company to T.D. of 2812'.			
Cleaned out to 2812'.			
2812	3275	463	Shale
3275	3297	22	Sand and shale
3297	3363	66	Sand
3363	3426TD	63	Sand and shale
TOPS: Point Lookout 1075 Gallup 2535' Dakota 3215'			
FROM-	TO-	TOTAL FEET	FORMATION

FORMATION RECORD—CONTINUED

16-43094-4

3.

Form 9-381a
(Feb. 1961)

	20	
	0	

APPROVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
SEP 20 1962 GEOLOGICAL SURVEY

P. T. MCGRATH
DISTRICT ENGINEERBudget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Santa Fe

Lease No. 078137

Unit SE/4 SW/4, Sec. 20
T-32N, R-13W, NMPM
San Juan County, N. Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

RECEIVED
JAN 30 1962
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 23, 1962

Johns
Well No. #1 is located 660 ft. from ~~XXXXXX~~ [S] line and 1580 ft. from ~~XXXXXX~~ [W] line of sec. 20
SE/4 SW/4 Sec. 20 32-N 13 W NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undes. 0-5000 San Juan San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is - ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Set 30 sack plug over perforations from 2655' - 2520'.
2. Shot 7" OD 20.00# J-55 Csg. off at 1508'. Pulled 1508' casing.
3. Set 40 sack plug from 1550-1400 in stub of 7" csg. and open hole. Filled hole with mud.
4. Set 10 sack Calseal plug from 150' - 125' in bottom of surf. csg and open hole.
5. Set 65 sack plug from 125' to surface, set Regulation Marker.
6. Well permanently abandoned.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SOUTHERN UNION PRODUCTION CO.

Address P. O. Box 808

Farmington, N. Mexico

By L. S. Muennink
Title Production Supt.